

# TFS1.0

Dual 3" 2-Way Ultra-Thin Front  
and Surround Channel



## Specifications: TFS1.0

## Mounting hardware included

Nominal Impedance	8 ohms
Sensitivity dB @ 2.83V/1M	90 dB
Frequency Response (1)	65 Hz - 20 kHz
Recommended Power	15 - 100 Watts
Transducer - Low Frequency Driver	3" Ultra-Long Throw Polypropylene w/ NBR Surround
Transducer - High Frequency Driver	(3) .75" Silk/Synthetic Soft Dome
Crossover Frequency	3.5 kHz
Crossover Type	2-Way Absolute Phase®
Additional Drivers	Bass Radiators: (2) 3" Ultra-Long Throw Polypropylene w/ NBR Surround
Colors	Black Extruded Aluminum
Enclosure alignment	Sealed w/Passive Radiator
Grille - material	Pressure Fit Powder-Coated Aluminum
Height (SM = Height)	171.4 mm / 6.75"
Diameter (SM = Width)	469.9 mm / 18.5"
Depth	38.1 mm / 1.5"
Weight	2.6 kg / 5.8 lb
Shipping Weight	3.6 kg / 8.0 lb
Accessories Optional	Smoked Acrylic Tabletop Stand (TPB-1)
Regulatory - CE	approved
Regulatory - RoHS	approved

## Description

The TFS 1.0 (Thin Front Surround), just as the name implies, can be used as fronts and surrounds: left, center, right, or any configuration of surround channels, in either a vertical or a horizontal orientation. The TFS speakers come with a wall mount and a horizontal tabletop stand in the box. You can create an entire surround sound system using only the TFS speakers and a subwoofer of your choosing.

For optimal sound, pair the TFS with the [P3-35](#) 3-Channel amplifier.

## Patented Phase Technology Technologies

Phase Technology and MSE Audio Group constantly develop new technologies that enhance audio product performance. Phase Technology innovations are protected by multiple U.S. and international patents, which explicitly cover Phase Technology dispersion, enclosure and dome technologies. MSE Audio Group actively defends its patents in order to protect Phase Technology resellers

and end users.

## Technical Data and Specification Tools

### Technical Data

Phase Technologies strives to provide complete and effective technical information and data to dealers, engineers and designers. All data are available from SoundTube Entertainment or at [www.soundtube.com](http://www.soundtube.com). Technical data and downloads include: EASE™ data - 3-D polar plots. EASE™ Address - 2-D modeling for distributed systems Autodesk® Revit® software Tech Sheets - Technical information and architectural specs for system engineers SoundTubeSPEC™ - Proprietary speaker placement software

### Data Acquisition and Verification

All data for Phase Technologies speakers are independently collected from and verified by NWAALabs ([www.nwaalabs.com](http://www.nwaalabs.com)) using their proprietary MACH testing system. All data are collected and analyzed according to ASTM, ISO and

AES standards using EASRA, TEF and MLSSA. Full balloon data including both phase and magnitude are compiled into a variety of formats including EASE 4.x, GLL and CLF.

## Architectural Specifications

No specifications currently.

### Phase Technology

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<http://phasetech.mseaudio.com>  
All Phase Technologies products come with a 5-year limited warranty.

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## Included Accessories

Horizontal Stand

Wall Mount

## Optional Accessories

Smoked Acrylic Tabletop Stand (TPB-1)